This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1.   (Currently Amended) A method <u>being executable in a computer</u> for building an index, comprising:

pipelining global analysis computations and index creation, wherein the global analysis computations share intermediate results, wherein the global analysis computations extract properties from a global view of documents in a corpus, and wherein index creation builds the index with results of recent global analysis computations for processing of documents existing at a certain point in time, wherein the intermediate results comprise the output of one of the global analysis computations that is input into another one of the global analysis computations <u>; and</u>

<u>creating a delta index for documents for which no global analysis computations have been performed</u>.

2.   (Cancelled)

3.   (Cancelled)

4.   (Currently Amended) The method of claim [[3]] <u>1</u>, wherein the creation of the delta index allows new documents to be indexed and retrieved before global analysis computations for the new documents are performed.

5.   (Currently Amended) The method of claim [[3]] <u>1</u>, further comprising:
receiving a query requesting retrieval of one or more documents; and
accessing the index and the delta index to retrieve one or more documents.

6.   (Currently Amended) The method of claim [[3]] <u>1</u>, wherein creating the delta index further comprises:
merging a delta store and new documents.

7.   (Currently Amended) The method of claim [[3]] 1, further comprising:

merging the delta index with the index to create a new version of the index.

8.   (Original) The method of claim 1, further comprising:

performing the global analysis computations using lagging per-document analysis

information.

9.   (Original) The method of claim 1, wherein index creation further comprises:

merging a store and a delta store.

10.   (Original) The method of claim 1, wherein the global analysis computations are

performed in parallel with creation of a new delta index.

11.   (Currently Amended) An article of manufacture comprising ~~one of hardware logic~~

~~and~~ a computer readable medium including a program <u>being executable in a computer</u> for

building an index, wherein the ~~hardware logic or~~ program causes operations to be performed, the

operations comprising:

        pipelining global analysis computations and index creation, wherein the global analysis

computations share intermediate results, wherein the global analysis computations extract

properties from a global view of documents in a corpus, and wherein index creation builds the

index with results of recent global analysis computations for processing of documents existing at

a certain point in time, wherein the intermediate results comprise the output of one of the global

analysis computations that is input into another one of the global analysis computations <u>; and</u>

        <u>creating a delta index for documents for which no global analysis computations have</u>

<u>been performed</u>.

12.   (Cancelled)

13.   (Cancelled)

14.   (Currently Amended) The article of manufacture of claim [[13]] 11, wherein the creation of the delta index allows new documents to be indexed and retrieved before global analysis computations for the new documents are performed.

15.   (Currently Amended) The article of manufacture of claim [[13]] 11, wherein the operations further comprise:

      receiving a query requesting retrieval of one or more documents; and

      accessing the index and the delta index to retrieve one or more documents.

16.   (Currently Amended) The article of manufacture of claim [[13]] 11, wherein the operations for creating the delta index further comprise:

      merging a delta store and new documents.

17.   (Currently Amended) The article of manufacture of claim [[13]] 11, wherein the operations further comprise:

      merging the delta index with the index to create a new version of the index.

18.   (Original) The article of manufacture of claim 11, wherein the operations further comprise:

      performing the global analysis computations using lagging per-document analysis information.

19.   (Original) The article of manufacture of claim 11, wherein index creation further comprises:

      merging a store and a delta store.

20.   (Original) The article of manufacture of claim 11, wherein the global analysis computations are performed in parallel with creation of a new delta index.

21.   (Currently Amended) A computer system, comprising:

      a processor;

storage coupled to the processor; and

hardware logic to pipeline global analysis computations and index creation, wherein the

global analysis computations share intermediate results, wherein the global analysis

computations extract properties from a global view of documents in a corpus, and wherein index

creation builds the index with results of recent global analysis computations for processing of

documents existing at a certain point in time, wherein the intermediate results comprise the

output of one of the global analysis computations that is input into another one of the global

analysis computations and to create a delta index for documents for which no global analysis

computations have been performed.

22.   (Cancelled)

23.   (Cancelled)

24.   (Currently Amended) The computer system of claim [[23]] 21, wherein the
creation of the delta index allows new documents to be indexed and retrieved before global
analysis computations for the new documents are performed.

25.   (Currently Amended) The computer system of claim [[23]] 21, wherein the logic
further comprises:

        receiving a query requesting retrieval of one or more documents; and

        accessing the index and the delta index to retrieve one or more documents.

26.   (Currently Amended) The computer system of claim [[23]] 21, wherein the logic
for creating the delta index further comprises:

        merging a delta store and new documents.

27.   (Currently Amended) The computer system of claim [[23]] 21, wherein the logic
further comprises:

        merging the delta index with the index to create a new version of the index.

28.   (Original) The computer system of claim 21, wherein the logic further comprises:

performing the global analysis computations using lagging per-document analysis information.

29.   (Original) The computer system of claim 21, wherein the logic for index creation further comprises:

merging a store and a delta store.

30.   (Original) The computer system of claim 21, wherein the global analysis computations are performed in parallel with creation of a new delta index.